

ADM-6,2 L

GIL-481/64

15 MAY 1964

MEMORANDUM FOR : Director of Logistics

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SUBJECT : Contract with [REDACTED]

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1. This Office has an urgent requirement for a [REDACTED] magnetic recorder-reproducer manufactured by [REDACTED]. The total purchase price for this system plus auxiliary equipment is [REDACTED]. A technical proposal has not been solicited from [REDACTED] for this item; therefore, we are requesting that the [REDACTED] solicit the proposal and negotiate the contract on behalf of the Office of ELINT.

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2. The recorder will be used in the Analysis Division, Office of ELINT in connection with [REDACTED] production. The recorder is 1-1/2 megacycles which will accommodate tapes from recording/reproducing systems presently being deployed to the field and for which this Office has no compatible data reduction equipment to analyze the feedback. The absolute time displacement error of the system does not exceed ± 0.5 microseconds at 120 IPS. The cumulative peak to peak flutter is less than 0.1% measuring all components from DC to 200 CPS and less than 0.5% measuring all components from DC-10 kilocycles. The RMS signal to +RMS noise ratio is 25 DB using a sinusoidal signal (refer to 0 DB) at all tape speeds.

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3. Based on the foregoing, it is requested that action be taken to solicit a proposal from [REDACTED] for the production and delivery of the prescribed [REDACTED] system. Additionally, this contract is to provide for the reconfiguration of two 1" capstans to dual differential conversion. The estimated price for the latter is [REDACTED] and will enable this Office to convert the CM 114 recorder-reproducer presently being used in [REDACTED] production to duping tapes prior to processing to NSA.

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5. The Office of ELINT Staff has evaluated performance standards of the [REDACTED] recorder-reproducer from literature received from [REDACTED] and has determined that SPECIFICATIONS, as stated in this literature, are acceptable to the Agency. In this regard, reference is made to [REDACTED] recent catalog titled [REDACTED] (Magnetic Instrumentation System). "

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6. Requisition 979-140-64, attached, substantiates the [redacted] this Office has encumbered for purposes of negotiating the contract. [redacted] extension 7141, may be contacted for any technical information relative to this request, and [redacted] extension 4491, may be contacted for the resolution of any administrative problem arising in the process of negotiating the contract.

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/s/
George C. Miller

GEORGE C. MILLER
Assistant Director for FLINT
Deputy Director
for
Science and Technology

APPROVED:

25X1A9a

Signed: [redacted]

[Signature]
ALBERT D. WHEELON
Assistant Director
for
Science and Technology

22 MAY 1964
Date

Attachment:

Requisition 979-140-64

Distribution:

- 0 & 1 - Addressee w/att
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Orig:

OEL/LSB [redacted] dnm:4491 (15 May 64)